

NOTES FROM 06.29.05 PROTON DRIVER MEETING - CIVIL

Attendees: Bill Foster, Rich Stanek, Dixon Bogert, Bob Webber, Jerry Leibfritz, Kamran Vaziri, Rod Walton, Lee Hammond, Gary VanZandbergen, Chuck Federowicz, John Santic, Elaine McCluskey

ITEMS DISCUSSED:

1. Elaine and Dixon trip to SNS on 6/23-24/05:

- a. Photos shown of new facility
- b. Discussion of what SNS staff says works well, what doesn't. Some highlights:
 - i. Penetrations allow radiation to come into gallery – may require limiting access to gallery
 - ii. Coordination of utilities in ceiling of gallery was difficult and much was done in the field
 - iii. Sizes of HVAC and other equipment that was intended to go in the gallery alcoves were larger than expected, so some alcove equipment ended up in the aisle, reducing space.
 - iv. Interferences between equipment in ceiling of gallery have created some long-term maintenance issues, e.g., light bulb changing.
 - v. Gallery roof was shortened to save money – created inability to remove some klystrons, so hoist was installed on frame outside building to take care of this – not wise in the end.
 - vi. Equipment lift in FEB from tunnel to gallery level is little used – may not have been needed.
 - vii. Little thought or expense was given to daylighting in the facility.
 - viii. SNS staff thought emergency generators should have been on natural gas, not diesel.
 - ix. HVAC units in the tunnel take up a lot of space.
 - x. Laser pipe might be required for PD – have one at SNS.
 - xi. Access behind tunnel equipment is difficult.
- c. Also reviewed some of the Lessons Learned from the document shared with us from SNS Site Services group. Elaine will email this to those attending today's meeting.

2. Corps of Engineers Wetland Jurisdictional Determination visit on 6/24/05:

- a. Rod described outcome of visit by COE representative, Kathy Chernich
- b. She believes that consultant determination report is probably correct
- c. Rod discussed range of possible outcomes with Kathy, including full separate permit to possibility of declaring inside of Main Ring a separate process system, which would not require any mitigation (probably unlikely).
- d. Need letter from us to COE asking for jurisdictional determination
- e. Cost of mitigation pegged at \$20k-\$50k
- f. Need extent of construction disturbance to get total cost impact
- g. Would this change alignment – probably not much

NEXT MEETING TBD